

ROCKY FLATS PLANT  
EMD OPERATING  
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-GT  
Procedure No.: Table of Contents, Rev 21  
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Effective Date: 06/24/92  
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET  
WHICH INCLUDES:

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ADMIN RECORD

A-SW-000421

REVIEWED FOR CLASSIFICATION/UCM  
By Bergert H. Setlock  
Date 7/6/92 NNH  
NNH 7/21/92 NNH

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GT.24	Approval Process for Construction Activities on or Near Individual Hazardous Substance Sites (IHSSs)	0	05/12/92

**ENVIRONMENTAL MANAGEMENT  
DOCUMENT CHANGE NOTICE (DCN)**

Procedure Number 5-21000-OPS-GT.2, Rev. 2

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Title Drilling and Sampling Using Hollow-Stem Auger Techniques	Date 6/23/92	DCN Number 5-21000-OPS-GT.02, R2 DCN 92-92.01
Expires <u>9/23/92</u> Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Scope Limitation <u>Drilling operations</u>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	11 of 14	Add step 5.3.4	Add step as follows: <b>5.3.4 Drum Characterization</b> When obtaining geochemical samples strictly for the purpose of characterizing the environmental materials present in drums, the following procedure will apply. During drilling operations, the environmental material accumulates in the mud pit. Samples are then shoveled from the mud pit into the drums. As drums are being filled, samples will be collected from the material filling the bottom of the drum, materials filling the middle of the drum and materials filling the upper portion of the drum. The samples will be composited in a stainless steel bowl kept in a safe location out of the sun. The materials from up to four drums from a given borehole will be composited in this manner. The samples will then be placed in the appropriate containers for analytical testing.

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

Environmental samples generated during rotary drilling operations are in constant contact with circulating fluids as they are generated, move up the borehole, and accumulate. Compositing these samples is representative of what is in the drums.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>Sharon McInroy</i>	QAPM	X	6/24/92	<i>DM</i>	User	X	6/23/92
<i>M.C. Brown</i>	EOM	X	6-23-92	<i>Annelle Parker</i>	USER	X	6/23/92
				<i>Annelle Parker</i>	USER	X	6/23/92
Approval of Responsible Manager <i>Paul J. Lindsey for WES</i>		Date 6/23/92		Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date?		Date Posted